

Detailed Action

1. This Office Action is submitted in response to the RCE and IDS filed 2-08-2012. Claims 14-20 are pending. The IDS has been considered (see attachment).

Allowable Subject Matter

2. Claims 14-20 are allowed

Examiner's statement of reasons for allowance

The following is an examiner's statement of reasons for allowance:

3. The prior art discloses nearly all the limitations of the claimed projection-type image display apparatus having first and second optical systems, where the second optical system has a concave reflector that forms a secondary image surface according to the intermediate image formed by the first optical system (See USPN 6,619,804 to Davis; and USPN 6,233,024 to Hiller), but the prior art fails to disclose the use of a second optical system having a concave reflector that is unique to the second optical system and has an unused part removed when placed to the side of the secondary image surface.

4. Claim 14 is allowed because the prior art fails to disclose a projection-type image display apparatus having first and second optical systems, where the second optical system has a concave reflector that forms a secondary image surface according to an intermediate image formed by the first optical system, where the concave reflector is unique to the second optical system and has an unused part removed when placed to the side of the secondary image surface.

5. Claims 15-20 are allowed by virtue of their dependency upon allowed claim 14.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. Any inquiry concerning this communication or earlier communications should be directed to Phillip Johnston whose telephone number is (571) 272-2475. The examiner can normally be reached on Monday-Friday from 7:30 am to 4:30 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiners supervisor Robert Kim can be reached at (571) 272-2293. The fax phone number for the organization where the application or proceeding is assigned is 571 273 8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PJ
February 22, 2012

/PHILLIP A JOHNSTON/
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